PATENT APPLICATION DOCKET NO.: MNI-108(1855.2067-000)

lay 10, 2004

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

licant:

Sean A. McCarthy

Application No.:

09/009,802

Group Art Unit: 1636

Filed:

January 20, 1998

Examiner: David Guzo

Confirmation No.:

7895

Title:

NOVEL CRSP-2 PROTEIN MOLECULES AND USES THEREFOR (As amended)

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## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

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| Sir:           |  |
| Γhis Ir<br>[ ] | nformation Disclosure Statement is submitted: under 37 CFR 1.129(a), or (First/Second submission after Final Rejection)  |
| [ X ]          | under 37 CFR 1.97(b), or (Within any one of the following time periods: three months of filing national application (other than a CPA) or date of entry of the national stage in an international application; or before the mailing date of a first office action on the merits in a non-provisional application, including a CPA, or a Request for Continued Examination). |
| [ ]            | under 37 CFR 1.97(c) together with either:   |
|                | [ ] a Statement under 37 CFR 1.97(e), as checked below, or   |
|                | [ ] a \$180.00 fee under 37 CFR 1.17(p), or (After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)   |
| [ ]            | under 37 CFR 1.97(d) together with:  |
|                | [ ] a Statement under 37 CFR 1.97(e), as checked below, and  |
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| [ ]            | under 37 CFR 1.97(i): Applicant requests that the IDS and cited reference(s) be placed in the application filewrapper.  (Filed after payment of issue fee)   |

| State | ment Un                 | der 37 CFR 1.97(e)  |  |  |  |  |  |  |
|-------|-------------------------|---|--|--|--|--|--|--|
| [ ]   | any co                  | Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or  |  |  |  |  |  |  |
| [ ]   | comm<br>knowl<br>in the | No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. |  |  |  |  |  |  |
| State | ment Un                 | der 37 CFR 1.704(d) (Patent Term Adjustment) Applies to original applications (other than design) filed on or after May 29, 2000  |  |  |  |  |  |  |
| []    | comm<br>was n           | tem of information contained in the Information Disclosure Statement was cited in a unication from a foreign patent office in a counterpart application and this communication of received by any individual designated in § 1.56(c) more than thirty days prior to the of the Information Disclosure Statement.  |  |  |  |  |  |  |
| [X]   | Enclo                   | sed herewith is form PTO-1449:  |  |  |  |  |  |  |
|       | [X]                     | Copies of the cited references AS and AT are enclosed.  |  |  |  |  |  |  |
|       |                         | [ ] Since this application was filed after June 30, 2003, copies of issued U.S. patents and published U.S. applications are not required and are not being provided.  |  |  |  |  |  |  |
|       | [ ]                     | Copies of the cited references are enclosed except those entered in prior application, U.S. Application No. [ ], to which priority under 35 U.S.C. 120 is claimed. [The earlier application contains copies of the cited references.]   |  |  |  |  |  |  |
|       | []                      | The listed references were cited in the enclosed International Search Report in a counterpart foreign application.  |  |  |  |  |  |  |
|       | [ ]                     | The "concise explanation" requirement (non-English references) for reference(s) [ under 37 CFR 1.98(a)(3) is satisfied by:  |  |  |  |  |  |  |
|       |                         | [ ] the explanation provided on the attached sheet.   |  |  |  |  |  |  |
|       |                         | [ ] the explanation provided in the Specification.  |  |  |  |  |  |  |
|       |                         | [ ] submission of the enclosed International Search Report.   |  |  |  |  |  |  |
|       |                         | [ ] submission of the enclosed English-language version of a foreign Search Report and/or foreign Office Action.  |  |  |  |  |  |  |
|       |                         | [ ] the enclosed English language abstract.   |  |  |  |  |  |  |

| [ ]                    | Applio           | cant requests that the following r  | non-published pending appli   | cations be considered:                                     |
|------------------------|------------------|---|---|--|
| Examiner's<br>Initials |                  |   |   |  |
|                        |                  | U.S. Patent Application No. [   | ], by [inventor(s)], filed [  | ], Docket No.: [ ]   |
|                        |                  | U.S. Patent Application No. [   | ], by [inventor(s)], filed [  | ], Docket No.: [ ]   |
|                        |                  | U.S. Patent Application No. [   | ], by [inventor(s)], filed [  | ], Docket No.: [ ]   |
|                        |                  | Examiner  | Date  | _  |
|                        | [ ]              | A copy of each above-cited app  | olication, including the curre  | ent claims, is enclosed.                                   |
|                        | [ ]              | A copy of each above-cited app<br>those entered in prior application<br>35 U.S.C. 120 is claimed. | plication, including the curre<br>on, U.S. Application No. [                                | ent claims, is enclosed, except ], to which priority under |
|                        |                  | r is requested to return a copy of re considered with the next office                             |   | plications indicating which                                |
| It is re               | quested          | I that the information disclosed h  | erein be made of record in t  | his application.   |
| Metho                  | d of pa          | yment:  |   |  |
| [ ]                    |                  | ck for the fee noted above is encloped appropriate the second panying Reply. A copy of this S     |   | cluded in the check with the                               |
| [ ]                    | Please<br>enclos | charge Deposit Account 08-038 sed.  | 0 in the amount of \$[  | ]. A copy of this Statement is                             |
| [X]                    | Please           | charge any deficiency in fees ar  | nd credit any overpayment to  | Deposit Account 08-0380.                                   |
|                        |                  | F   | Respectfully submitted,   |  |
|                        |                  |   | HAMILTON, BROOK, SMI<br>By Market Market<br>Robert H. Underwood<br>Registration No.: 45,170 | TH & REYNOLDS, P.C.  |
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Concord, MA 01742-9133
Dated: May 10, 2004

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|---|--|-----------------|-------------------------------|---------------|
| PTO-1449 REPRODUCED   | ATTORNEY DOCKET NO.<br>MNI-108 (1855.2067-000) |                 | APPLICATION NO.<br>09/009,802 |               |
| SUPPLEMENTAL SUPPLEMENTAL IN AN APPLICATION IN AN APPLICATION | FIRST NAMED INVENTOR Sean A. McCarthy          |                 | FILING DATE January 20, 1998  |               |
| May 10, 2004  May 10, 2004  Just Several sheets if necessary) | EXAMINER David Guzo                            | CONFIR.<br>7895 | MATION NO.                    | GROUP<br>1636 |

| T.                            | U.S. PATENT DOCUMENTS |   |  |  |  |
|-------------------------------|-----------------------|---|--|--|--|
| EXAM-<br>INER<br>INI-<br>TIAL | REF.<br>NO.           | DOCUMENT NUMBER Number-Kind Code (if known) | ISSUE DATE /<br>PUBLICATION DATE<br>MM-DD-YYYY | NAME OF PATENTEE OR APPLICANT<br>OF CITED DOCUMENT |  |
|                               | AA                    |   |  |  |  |
|                               | AB                    |   |  |  |  |
|                               | AC                    |   |  |  |  |
|                               | AD                    |   |  |  |  |
|                               | AE                    |   |  |  |  |
|                               | AF                    |   |  |  |  |
|                               | AG                    |   |  |  |  |

|   | FOREIGN PATENT DOCUMENTS |  |                    |  |                 |            |
|---|--------------------------|--|--------------------|--|-----------------|------------|
|   |                          | DOCUMENT NUMBER<br>Country Code-Number-Kind Code<br>(if known) | DATE<br>MM-DD-YYYY | NAME OF PATENTEE OR APPLICANT<br>OF CITED DOCUMENT | TRANSLAT<br>YES | rion<br>No |
| ╓ | AL                       |  |                    |  |                 |            |
|   | AM                       |  |                    |  |                 |            |

| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) |   |  |  |  |
|--|---|--|--|--|
| AS   | Mao, B. et al., "Kremen2 modulates Dickkopf2 activity during Wnt/LRP6 signaling," Gene, 302:179-183 (2003).   |  |  |  |
| АТ   | Tian, E. et al., "The Role of the Wnt-Signaling Antagonist DKK1 in the Development of Osteolytic Lesions in Multiple Myeloma," New England Journal of Medicine, 349(26):2483-2494 (2003). |  |  |  |
| АТ   |   |  |  |  |
| AU   |   |  |  |  |

| EXAMINER | DATE CONSIDERED |
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